Lebogang Madubanya

Agricultural Research Scientist | Molecular Genetics & Sustainable Crop Development

Multi-skilled Researcher, Project Manager, Communicator, and Plant Biotechnologist with 20+ of experience working in agricultural research roles - African food security expert

Walebogagrosolutions@gmail.

Linkedin

Contact

20 Years of experience

Professional Bio:

Lebogang Angelo Madubanya, Pr.Sci.Nat. is a dynamic and results-driven Research Scientist specializing in plant breeding and biotechnology. With over two decades of experience, he brings a unique blend of scientific expertise, strategic project management, and proactive communication to his role at the Agricultural Research Council (ARC).

Lebogang holds a Master of Science in Botany, an Honours degree, and a BSc in Genetics and Plant Molecular Biology. He has led multiple interdisciplinary research projects focused on crop improvement, leveraging cutting-edge biotechnological tools and

Skills & Expertise:

Program/Project Management; Localization / Capacity Strengthening; Policy Development; Monitoring, Evaluation, and Learning (MEL); Proposal Writing; Agriculture & Food Security; Strategic Planning; Budget & Finance; Private Sector Engagement; Grants Management; Stakeholder Engagement; Climate & Resilience

Sectors of Work:

International Development; Economic Growth;

breeding methodologies to develop resilient, high-yielding plant varieties.

An accomplished project manager, Lebogang oversees complex research portfolios, coordinating cross-functional teams and managing stakeholder engagement to deliver results on time and within budget. His strategic planning and meticulous execution have strengthened ARC's pipeline of innovative agricultural solutions.

Recognized as a Professional Scientist (Pr.Sci.Nat.), he serves as a trusted subject-matter expert within ARC and beyond. Lebogang is also known for his effective communication—he regularly shares her insights on LinkedIn, contributing to conversations around science, agriculture, and leadership in STEM.

As an active member of CropLife South Africa and CropLife Africa Middle East communities, he engages with industry stakeholders to advance sustainable agriculture and promote scientific collaboration. He often supports and celebrates women in leadership within the agricultural sector. His core expertise include:

Molecular Genetics

Cross-disciplinary Research

Scientific Project Management

Stakeholder & Industry Engagement

Mentoring & Science Communication

Overall, Lebogang is passionate about harnessing the power of biotechnology to address global food security challenges. He combines rigorous research methodologies with stakeholder-centered leadership to deliver tangible agricultural innovations. Committed

Technology & Innovation; Climate & Environment; Emergency Relief

Languages Spoken:

English, Sepedi, Afrikaans

to equity and representation in STEM, he champions diversity and excellence in both his scientific endeavors and community engagement.

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